

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (original) A liquid cooling system, comprising:

a pump for supplying a cooling liquid;

a heat-receiving jacket, being supplied with said cooling liquid, for receiving heat from an electronic parts;

a radiator, being supplied with said cooling liquid passing through said heat-receiving jacket, for radiation heat therefrom; and

flow passages for circulating said cooling liquid in a route passing through said radiator back to said pump, wherein:

an ion exchange bag, having a bag enclosing an ion exchange resin therein, is disposed in a part of said route.

2. (original) The liquid cooling system, as described in the claim 1, wherein:

the ion exchange bag, having the bag enclosing the ion exchange resin therein, is held within a container, and said ion exchange holder being exchangeable with the ion exchange bag is provided in said container.

3. (currently amended) The liquid cooling system, as described in the claim 1, wherein:

said ion exchange bag ~~are~~ is disposed within an inside or a downstream of said radiator, and also in one of parts building up the liquid cooling system in an upstream of said heat-receiving jacket.

4. (currently amended) The liquid cooling system, as described in the claim 2, wherein:

said ion exchange bag or said ion exchange holder ~~are~~ is disposed within an inside or a downstream of said radiator, and also in one of parts building up the liquid cooling system in an upstream of said heat-receiving jacket.

5. (original) An electronic apparatus, comprising:

a heat-generation element mounted on a substrate;

a heat-receiving jacket, being thermally connected to said heat-generation element;

a heat radiation jacket for radiating heat of a heated liquid supplied from said heat-receiving jacket;

a pump for circulating the liquid to those jackets; and

a piping for connecting said pump and said both jackets, wherein:

an ion exchange bag, having a bag enclosing ion exchange resin therein, is provided on way of said piping.